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Result:

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	14	CORBA adj gateway	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:24
S2	10812	709/223	US-PGPUB; USPAT	OR	OFF	2007/03/26 11:33
S3	591	. 709/223 and CORBA	US-PGPUB; USPAT	OR	OFF	2007/03/26 11:30
S5	627	719/315	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/24 13:44
S6	133	719/315 and CORBA	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/24 14:14
S7	1	719/315 and CORBA and IDL and DSI and MIM	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/24 13:52
S8	80	719/330 and CORBA	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 13:36
S9	300	719/330	US-PGPUB; USPAT; USOCR	OR .	OFF	2007/01/24 15:09
S12	4	"6757899"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/24 15:09
S13	. 18	("20010027439" "20010027535" "5862328" "5974416" "5983233" "6012067" "6049819" "6061729" "6138110" "6192250" "6222533" "6222916" "6229803" "6266695" "6282580").PN. OR ("6757899"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/24 15:19
S15	10	gateway adj translator	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/24 15:23
S18	22	corba and idl and dsi	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/24 15:32
S20	4	"6757899"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/24 15:52

S21	136	("20020152293" "20020167543"	US-PGPUB;	OR	OFF	2007/01/24 17:29
		"20030023577" "20030023609"	USPAT;		·	
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		"6678696").PN. OR ("6694368"				
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		("2002/0035626" "2003/0065761"				
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		"2004/0031039" "2004/0064823"				
3/28/200	7 11:37:48 A	"2004/0111730" "2004/0172462"				Page 2
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		"2004/0111730" "2004/0172462" "2005/0015476" "2005/0021707" "35771 "6839708" "4045925" "6915324" "6959307" "6965925"				
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S22	247	rule adj language	US-PGPUB; USPAT	OR	OFF	2007/01/24 17:44
S23	. 22	S22 and CORBA	US-PGPUB; USPAT	OR	OFF	2007/01/25 08:10
S24	46	CORBA and remote adj corba	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:06
S25	1269478	707/103 x	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:04
S26	5850	707/103 x and corba	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:05
S27	4174	707/103 x and corba and remote adj application	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:05
S28	4114	707/103	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:05
S29	417	707/103 and corba	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:05
S30	170	CORBA and remote adj application	US-PGPUB; USPAT	OR ·	OFF	2007/01/25 10:06
S31	1	CORBA and remote adj application and DSI and IDL	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:06
S32	3594	CORBA and remote adj application and DSI or IDL	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:06
S33	1	CORBA and remote adj application and DSI and MIM and IDL	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:07
S34	1	corba adj gateway adj translator	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:07
S35	1	corba adj gateway and remote adj application	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:08
S36	170	corba and remote adj application	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:19
S37	5427	corba or corba adj translator or corba adj gateway	US-PGPUB; USPAT	OR	OFF	2007/01/25 10:20
S38	22	S37 and DSI and IDL	US-PGPUB; USPAT	OR	OFF	2007/01/25 13:51
S39	4	"6757899"	US-PGPUB; USPAT	OR	OFF	2007/01/25 13:51
S40	4	"6757899"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/29 14:50

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S42	. 6	CORBA adj gateway and network adj management adj system	US-PGPUB; USPAT	OR	OFF	2007/01/30 08:19
S43	4943	network adj management adj system	US-PGPUB; USPAT	OR	OFF	2007/01/30 08:19
S44	356	S43 and corba	US-PGPUB; USPAT	OR	OFF	2007/01/30 08:19
S46	356	S43 and corba	US-PGPUB; USPAT	OR	OFF	2007/01/30 08:19
S47	1	("2002/0035626").URPN.	USPAT	OR	OFF	2007/01/30 08:35
S48	4943	network adj management adj system	US-PGPUB; USPAT	OR	OFF	2007/01/30 09:56
S49	6	S48 and corba adj gateway	US-PGPUB; USPAT	OR	OFF	2007/01/30 10:10
S50	92	network adj management adj support	US-PGPUB; USPAT	OR	OFF	2007/01/30 10:20
S51	1	S50 and corba adj gateway	US-PGPUB; USPAT	OR	OFF	2007/01/30 10:11
S52	10	S50 and corba	US-PGPUB; USPAT	OR	OFF	2007/01/30 10:11
S53	4943	network adj management adj system	US-PGPUB; USPAT	OR	OFF	2007/01/30 10:21
S54	356	S53 and corba	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:02
S55	19	system adj rule adj engine	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:02
S56	5440	corba	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:25
S57	4943	network adj management adj system	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:26
S58	356	S56 and S57	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:50
S59	289	S58 and (@ay<="2003" or @py<="2003")	US-PGPUB; USPAT	OR	OFF	2007/01/30 11:51
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S67	33	S66 and computer adj readable adj medium	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/22 14:55
.S68	5	S67 and corba and gateway	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/22 14:56
S69	604	709/223 and CORBA	US-PGPUB; USPAT	OR	OFF	2007/03/26 11:31
S70	0	S69 and multiple adj server adj object	US-PGPUB; USPAT	OR	OFF	2007/03/26 11:31
S71	. 32	S69 and multiple adj server	US-PGPUB; USPAT	OR	OFF	2007/03/26 11:31
S72	288	709/223 and corba and computer adj readable	US-PGPUB; USPAT	OR	OFF	2007/03/26 11:33
S73	5481	709/220	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:53
S74	242	S73 and corba	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:53
S75	227	S74 and (@py<="2003" or @ay<="2003")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:54

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S3	1	"7010586".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/21 08:50
S4	1	S3 and network adj management and corba	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/22 11:48
S5	1	"7010586".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/22 11:48
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S7	1	S5 and computer and readable and medium	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/22 11:49
S8	1	"6968553".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 09:11
S9	0	2004/0039800	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 09:11
S10 .	1	"20040039800"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/28 09:11



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Middleware performance analysis: Use of a CORBA/RMI gateway: characterization

next

of communication overhead

Alessio Bechini, Pierfrancesco Foglia, Cosimo Antonio Prete

July 2002 Proceedings of the 3rd international workshop on Software and performance WOSP '02

Publisher: ACM Press

Full text available: Dpdf(349.14 KB) Additional Information: full citation, abstract, references, citings

Many distributed applications make use of distributed object technology. In this kind of systems, modules providing services are implemented as objects spread over a network. Distributed objects are usually accessed through communication frameworks based on specific middleware solutions, such as CORBA, DCOM, and RMI. Applications of this kind might be built up (or extended) integrating different modules, possibly already coded and available on the market. Each required and available module might ...

Keywords: CORBA, RMI, distributed object technologies, middleware gateways, performance measurement

2 Gateways for accessing fault tolerance domains

P. Narasimhan, L. E. Moser, P. M. Melliar-Smith

April 2000 IFIP/ACM International Conference on Distributed systems platforms Middleware '00

Publisher: Springer-Verlag New York, Inc.

Full text available: 📆 pdf(499.20 KB) Additional Information: full citation, abstract, references, citings

Enterprise applications can be structured as domains, where each domain contains objects that are replicated for fault tolerance, with the replication being managed by a fault tolerance infrastructure local to the domain. Gateways can allow unreplicated clients to benefit from the fault tolerance services of the replicated servers, without compromising replica consistency within the fault tolerance domain. For CORBA-based enterprise applications, the gateway mechanisms can be implemented tran ...

3 Posters and research demonstrations: Enterprise application integration by means of



a generic CORBA LDAP gateway

M. Jandl, W. Radinger, A. Szep, K. M. Goeschka

May 2002 Proceedings of the 24th International Conference on Software **Engineering ICSE '02**

Publisher: ACM Press

Full text available: pdf(99.38 KB) Additional Information: full citation, abstract, references, index terms

Telecommunication applications are inherently distributed and the interface provided to third party applications is often complex and also distributed. Usually, these third party components need only a subset of the provided data, therefore a simple and standardized access method would be preferred. Such an interface is provided by the Lightweight Directory Access Protocol (LDAP) and we designed an LDAP to CORBA (Common Object Request Broker Architecture) gateway acting as a bridge between the i ...

4 The gateway system: uniform Web based access to remote resources

Geoffrey Fox, Tomasz Haupt, Erol Akarsu, Alexey Kalinichenko, Kang-Seok Kim, Praveen Sheethalnath, Choon-Han Youn

June 1999 Proceedings of the ACM 1999 conference on Java Grande JAVA '99

Publisher: ACM Press

Full text available: pdf(759.70 KB) Additional Information: full citation, references, citings, index terms

⁵ A formal approach for designing CORBA-based applications

Alberto Coen-Porisini, Matteo Pradella, Matteo Rossi, Dino Mandrioli
April 2003 ACM Transactions on Software Engineering and Methodology (TOSEM),
Volume 12 Issue 2

Publisher: ACM Press

Full text available: pdf(478.44 KB)

Additional Information: full citation, abstract, references, citings, index terms

The design of distributed applications in a CORBA-based environment can be carried out by means of an incremental approach, which starts from the specification and leads to the high-level architectural design. This article discusses a methodology to transform a formal specification written in TRIO into a high-level design document written in an extension of TRIO, named TRIO/CORBA (TC). The TC language is suited to formally describe the high-level architecture of a CORBA-based application. As a r ...

Keywords: CORBA, architectural design, control systems, formal methods, frameworks, object orientation, supervision, temporal logic

6 <u>Development of SNMP-XML translator and gateway for XML-based integrated</u> network management

Jeong-Hyuk Yoon, Hong-Taek Ju, James W. Hong
July 2003 International Journal of Network Management, Volume 13 Issue 4

Publisher: John Wiley & Sons, Inc.

Full text available: pdf(251.82 KB)

Additional Information: full citation, abstract, references, citings, index terms

The research objective of our work is to develop a SNMP MIB to XML translation algorithm and to implement an SNMP-XML gateway using this algorithm. The gateway is used to transfer management information between an XML-based manager and SNMP-based agents. SNMP is widely used for Internet management, but SNMP is insufficient to manage continuously expanding networks because of constraints in scalability and efficiency. XML based network management architectures are newly proposed as alternatives t ...

7 DROOPI: towards a generic middleware

Thomas Quinot, Fabrice Kordon, Laurent Pautet
June 2001 ACM SIGAda Ada Letters, Volume XXI Issue 2

Publisher: ACM Press

Additional Information: full citation, abstract, references Full text available: pdf(1.34 MB)

This paper presents our work to bridge the Ada 95 Distributed Systems Annex (DSA) and CORBA to take advantages of both environments facilities. Our project consists in two successive steps. The first one is CIAO, a DSA to CORBA translator. The second one aims at the definition of a generic middleware to be customized to DSA and CORBA. We propose a definition and an architecture of services for a generic middleware, DROOPI, and explain how it can be customized according various cr ...

8 CORBA and CORBA services for DSA

Laurent Pautet, Thomas Quinot, Samuel Tardieu

September 1999 ACM SIGAda Ada Letters, Proceedings of the 1999 annual ACM SIGAda international conference on Ada SIGAda '99, Volume XIX Issue 3

Publisher: ACM Press

Additional Information: full citation, abstract, references, citings, index Full text available: pdf(708.36 KB) terms

Comparing CORBA and the Ada 95 Distributed Systems Annex shows that an advantage of CORBA is its Common Object Services, providing standard, frequently-used components for distributed application development. This paper presents our implementation of similar services for the DSA. We also introduce new developments of our team that aim at providing close interaction between CORBA and Ada applications. Part of the work presented here was accomplished by the AdaBroker team: Fabien Azavant, Emmanuel ...

CORBA: A flexible and extensible object middleware: CORBA and beyond

Franz J. Hauck, Rüdiger Kapitza, Hans P. Reiser, Andreas I. Schmied September 2005 Proceedings of the 5th international workshop on Software engineering and middleware SEM '05

Publisher: ACM Press

Full text available: Topdf(115.82 KB) Additional Information: full citation, abstract, references, index terms

This paper presents a CORBA-compliant middleware architecture that is more flexible and extensible compared to standard CORBA. The portable design of this architecture is easily integrated in any standard CORBA middleware; for this purpose, mainly the handling of object references (IORs) has to be changed. To encapsulate those changes, we introduce the concept of a generic reference manager with portable profile managers. Profile managers are pluggable and in extreme can be downloa ...

Keywords: CORBA, extensible and reconfigurable middleware, middleware interoperability, software architecture for middleware

10 The benefits of CORBA-based network management

Paul Haggerty, Krishnan Seetharaman October 1998 Communications of the ACM, Volume 41 Issue 10

Publisher: ACM Press

Full text available: pdf(172.08 KB) Additional Information: full citation, references, citings, index terms

11 Supporting CORBA applications in a mobile environment

Mads Haahr, Raymond Cunningham, Vinny Cahill August 1999 Proceedings of the 5th annual ACM/IEEE international conference on Mobile computing and networking MobiCom '99

Publisher: ACM Press

Full text available: pdf(1.42 MB)

Additional Information: full citation, references, citings, index terms

12 Object lessons learned from a distributed system for remote building monitoring and

operation

Frank Olken, Hans-Arno Jacobsen, Chuck McParland, Mary Ann Piette, Mary F. Anderson October 1998 ACM SIGPLAN Notices, Proceedings of the 13th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '98, Volume 33 Issue 10

Publisher: ACM Press

Full text available: pdf(1.54 MB)

Additional Information: full citation, abstract, references, citings, index terms

In this paper we describe our experiences with the design, the deployment, and the initial operation of a distributed system for the remote monitoring and operation of multiple heterogeneous commercial buildings across the Internet from a single control center. Such systems can significantly reduce building energy usage. Our system is distinguished by its ability to interface to multiple heterogeneous legacy building Energy Management Control Systems (EMCSs), its use of the Common Object Request ...

13 A QoS management framework for distributed multimedia systems

Daniel Won-Kyu Hong, Choong Seon Hong

March 2003 International Journal of Network Management, Volume 13 Issue 2

Publisher: John Wiley & Sons, Inc.

Full text available: 📆 pdf(588.84 KB) Additional Information: full citation, abstract, references, index terms

This paper proposes a high-performance connection management architecture to design a common QoS framework applied to an ATM network based on the Open Distributed Processing (ODP) concept. We design the QoS framework in accordance from the RM-ODP information and computational viewpoints.

14 Special session on software systems #2: Model-driven integration of federated event



services in real-time component middleware

Gan Deng, Aniruddha Gokhale, Balachandran Natarajan

April 2004 Proceedings of the 42nd annual Southeast regional conference ACM-SE 42

Publisher: ACM Press

Full text available: pdf(288.99 KB) Additional Information: full citation, abstract, references, index terms

Rapid advances in hardware, networking technologies and software technologies, including standards-based optimized component middleware, has enabled the growth of component middleware-based complex, large-scale distributed real-time and embedded (DRE) systems. These DRE systems found in different domains, such as avionics, telecommunications, defense, enterprise and healthcare, often use a publisher/subscriber communication paradigm, such as that provided by an event service. A federation of suc ...

Keywords: CORBA Component Model, component middleware, federated event service, model-based systems

15 New features for CORBA 3.0

Steve Vinoski

October 1998 Communications of the ACM, Volume 41 Issue 10

Publisher: ACM Press

Full text available: pdf(180.15 KB) Additional Information: full citation, references, index terms

16 Configuration and flexibility: Towards support for ad-hoc multimedia bindings.



Hans Ole Rafaelsen, Frank Eliassen October 2001 Proceedings of the 2001 international workshop on Multimedia middleware M3W

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Full text available: pdf(410.30 KB) Additional Information: full citation, abstract, references, citings

Multimedia applications of tomorrow face new challenges. As we move towards ubiquitous computing systems, users will require that the multimedia applications adopt to behave well in this new setting. This will require that developers of such applications are equipped with new development tools and abstractions to help construct these new applications. In this paper we investigate techniques to better support dynamical construction of multimedia bindings. Two alternatives are considered. The firs ...

17 Communication management experiences in e-commerce: using a multiagent system



to provide intermediation service in an e-commerce environment

Francisco Valera, Jorge E. López de Vergara, José I. Moreno, Víctor A. Villagrá, Julio Berrocal April 2001 Communications of the ACM, Volume 44 Issue 4

Publisher: ACM Press

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html(35.17 KB)

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18 Monitoring QoS distribution in multimedia networks

Chen-Khong Tham, Yuming Jiang, Chi-Chung Ko

March 2000 International Journal of Network Management, Volume 10 Issue 2

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Additional Information: full citation, abstract, references, citings, index terms

This paper presents two schemes, relevant monitor (RM) -based and improved relevant monitor (IRM)-based, for QoS distribution monitoring. With these schemes, when monitoring a real-time flow, a network manager can locate relevant monitors that are metering the flow. Copyright @ 2000 John Wiley & Sons, Ltd.

19 A formal approach for designing CORBA based applications



Matteo Pradella, Matteo Rossi, Dino Mandrioli, Alberto Coen-Porisini

June 2000 Proceedings of the 22nd international conference on Software engineering ICSE '00

Publisher: ACM Press

Full text available: pdf(236.17 KB)

Additional Information: full citation, abstract, references, citings, index

The design of distributed applications in a CORBA based environment can be carried out by means of an incremental approach, which starts from the specification and leads to the high level architectural design. This is done by introducing in the specification all typical elements of CORBA and by providing a methodological support to the designers. The paper discusses a methodology to transform a formal specification written in TRIO into a high level design document written using an extension ...

Keywords: CORBA, design, formal methods, supervision and control system, temporal logic

20 Lessons learned from implementing the CORBA persistent object service



Jan Kleindienst, František Plášil, Petr Tůma

October 1996 ACM SIGPLAN Notices, Proceedings of the 11th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '96, Volume 31 Issue 10

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terms

In this paper, the authors share their experiences gathered during the design and implementation of the CORBA Persistent Object Service. There are two problems related to a design and implementation of the Persistence Service: first, OMG intentionally leaves the functionality core of the Persistence Service unspecified; second, OMG encourages reuse of other Object Services without being specific enough in this respect. The paper identifies the key design issues implied both by the intentional la ...

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